


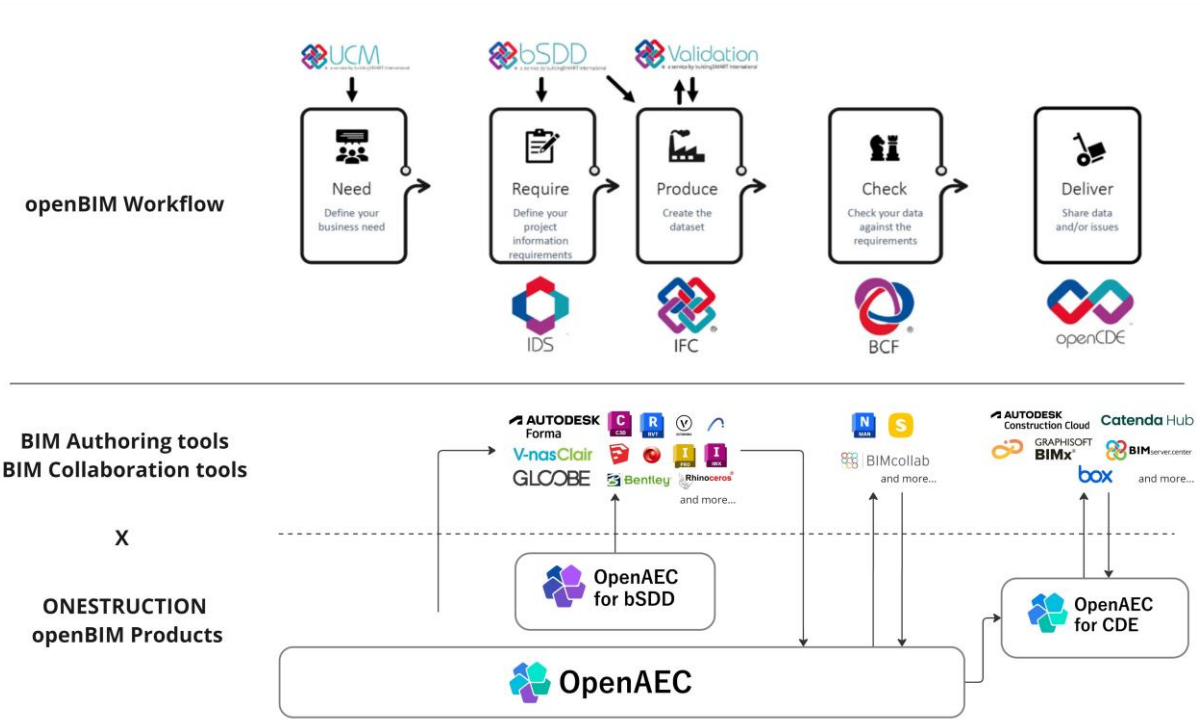
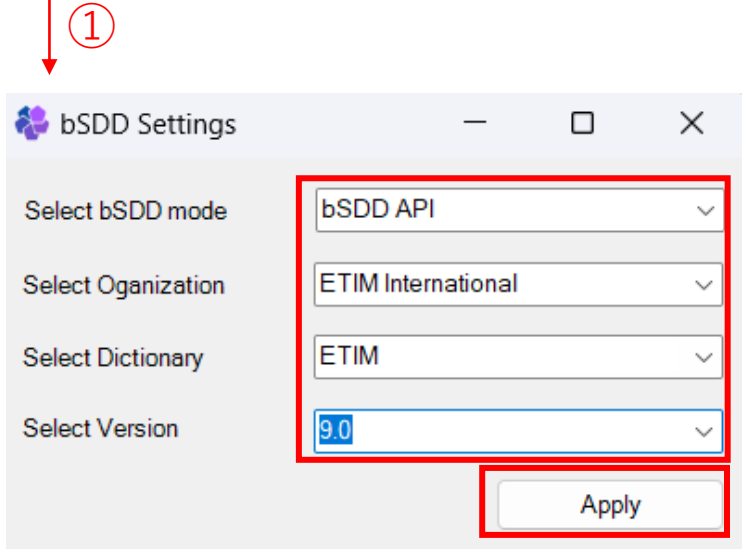
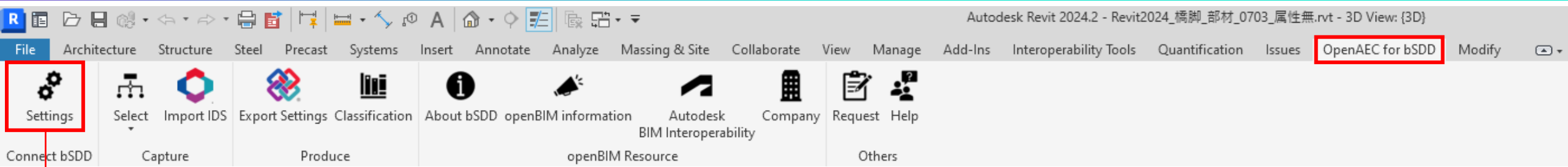


Our products contribute to the openBIM workflow

Product	Description
 OpenAEC for bSDD	Add-in application for BIM authoring tools. (e.g., Revit, Civil 3D, etc.) Connections to flow information about bSDD into the BIM authoring tool.
 OpenAEC	Web-based applications. The solution you need to achieve an openBIM workflow.
 OpenAEC for CDE	Add-in application for rapid delivery of IFCs created and edited in OpenAEC to CDE



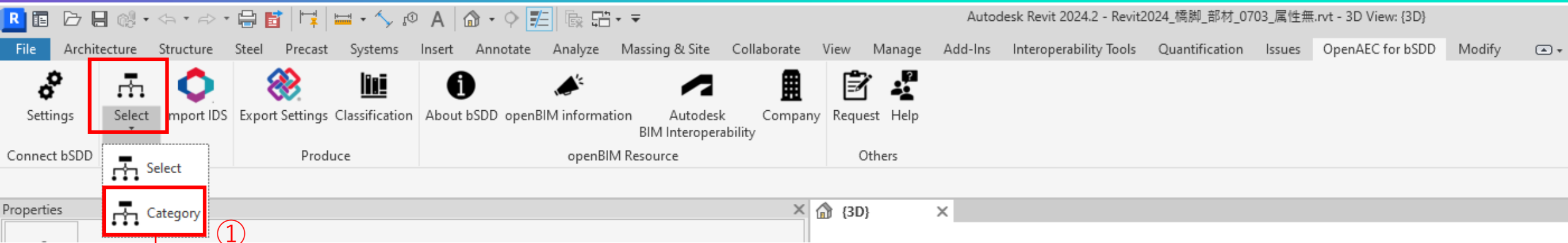
bSDD Revit plug-in “Connect bSDD”



1. Press the “Settings” button.
2. From the pull-down menu, select the organization, the dictionary, and its version. If you do not select all of these, you cannot connect to bSDD correctly.
You can choose either the test mode or the production mode of bSDD.
3. Save settings.

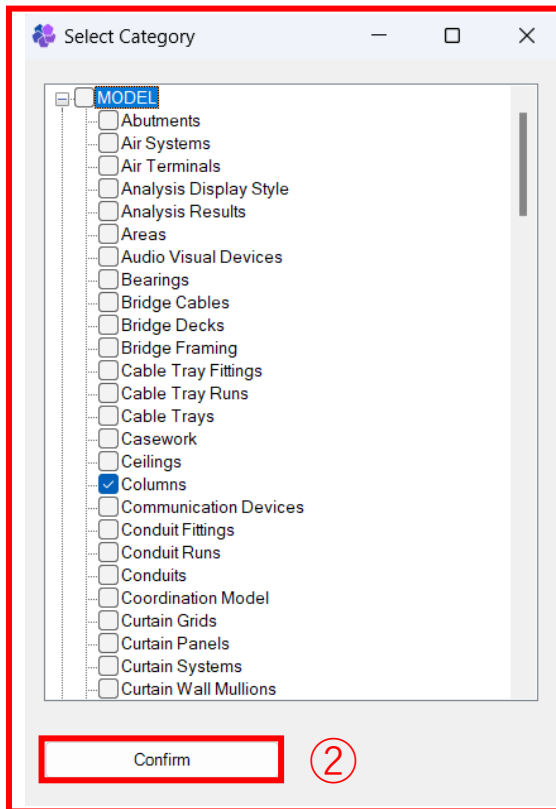
Set the bSDD to be referenced in the project.
The setting items are organization, dictionary name, and version.

bSDD Revit plug-in “Capture”



1. You can choose either manual selection or batch selection by category selection.

2. Press “Confirm”



bSDD Revit plug-in "Capture"

Autodesk Revit 2024.2 - Revit2024_橋脚_部材_0703_属性無.rvt - 3D View: {3D}

File Architecture Structure Steel Precast Systems Insert Annotate Analyze Massing & Site Collaborate View Manage Add-Ins Interoperability Tools Quantification Issues OpenAEC for bSDD Modify

Settings Select Import IDS Export Settings Classification About bSDD openBIM information Autodesk BIM Interoperability Company Request Help

Connect bSDD Capture Produce openBIM Resource Others

Classify Elements

OpenAEC for bSDD

Organization: DB Netz AG
Dictionary: SOM-Mannheim
Version: 1.2.7

Select Class From bSDD

- Ausbau
 - Ausruestung
 - Baubehelf
 - Gruendung
 - Bahnsteige
 - Bebauung
 - Medien und Trassen
 - Trassierung
 - Sonstige Modellkomponente
 - Sonstige Einrichtung
 - Sonstiges Bauteil
 - aus
 - aus.smk.100 (Has Part)
 - aus.smk.200 (Has Part)
 - lfcBuildingElementProxy (Has Reference)
 - aus.smk (Has Part)
 - aus.asr (Has Part)
 - aus.mut (Has Part)
 - aus.tras (Has Part)
 - aus.beb (Has Part)
 - aus.bbh (Has Part)
 - aus.bs (Has Part)
 - lfcGroup (Has Reference)
 - lfcBuildingElementProxy (Has Reference)
- Erdbau
- Oberleitungsanlage
- LST
- Oberbau
- Tunnel
- Baustelleneinrichtung
- Baugrund
- Strassenbau
- Bruecke
- Flaeche
- Hilfsgeometrie

Attribute

Revit Parameter	Attribute Value
lfcObjectType	SOM-Mannheim
lfcDescription	
lfcName	
IFC Predefined Type	
Export to IFC As	lfcBuildingElementProxy

Property

Select Property Set Name by bSDD: Allgemeine_Eigenschaften

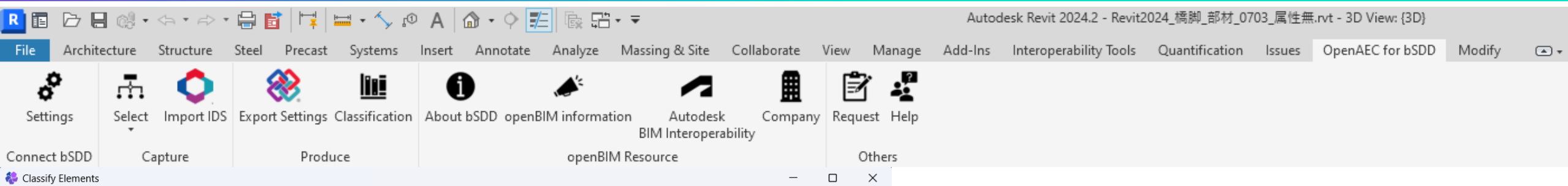
Data Type	Shared Parameter Group	BuiltIn Parameter Group	Revit Parameter	Property Value
TEXT	Allgemeine_Eigen...	General	bauteilKlassifikation	aus.smk
TEXT	Allgemeine_Eigen...	General	identitaet	
TEXT	Allgemeine_Eigen...	General	bemerkung	
TEXT	Allgemeine_Eigen...	General	nativelD	
TEXT	Allgemeine_Eigen...	General	bauteilName	Sonstige Modellk...
TEXT	Allgemeine_Eigen...	General	eigentuemer	
TEXT	Allgemeine_Eigen...	General	name	

Check Class URI: <https://identifier.buildingsmart.org/uri/dbnetzsom/SOM-MaKa/1.2.7/class/aus.smk>

Close Save Shared Parameter Add Attribute and Property

- 3. Information on dictionaries and organizations connected to the bSDD can be checked.
- 4. A list of classes registered in the bSDD is displayed here. The parent-child relationships are displayed in an easy-to-understand manner.
- 5. The URI of the selected item in the tree can be displayed. You can view the contents of the bSDD at any time in your browser.

bSDD Revit plug-in "Capture"



Organization: DB Netz AG
Dictionary: SOM-Mannheim
Version: 1.2.7

6 Create a New Shared Parameter File Browse for Shared Parameter File 7

Shared Parameter File:
8 Shared Parameter File Directory

Attribute

Revit Parameter	Attribute Value
lfcObjectType	SOM-Mannheim
lfcDescription	
lfcName	
IFC Predefined Type	
Export to IFC As	lfcBuildingElementProxy

Property

Select Property Set Name by bSDD: Allgemeine_Eigenschaften

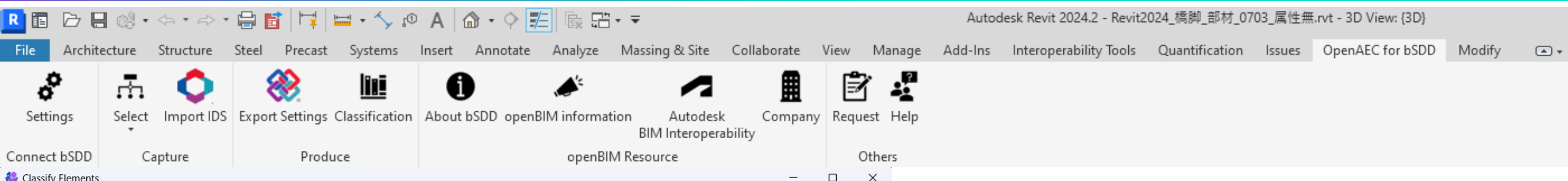
Data Type	Shared Parameter Group	BuiltIn Parameter Group	Revit Parameter	Property Value
TEXT	Allgemeine_Eigen...	General	bauteilKlassifikation	aus.smk
TEXT	Allgemeine_Eigen...	General	identitaet	
TEXT	Allgemeine_Eigen...	General	bemerkung	
TEXT	Allgemeine_Eigen...	General	nativelD	
TEXT	Allgemeine_Eigen...	General	bauteilName	Sonstige Modellk...
TEXT	Allgemeine_Eigen...	General	eigentuemmer	
TEXT	Allgemeine_Eigen...	General	name	

Check Class URI: <https://identifier.buildingsmart.org/uri/dbnetzsom/SOM-MaKa/1.2.7/class/aus.smk>

Close Save Shared Parameter Add Attribute and Property

- 6. You can create a new shared parameter file to populate the properties with bSDD information.
- 7. If you already have a shared parameter file, you can also add bSDD properties to that file. Here, select the shared parameter file.
- 8. Displays the location of newly created or loaded shared parameter files. Click here to open the shared parameter file at any time.

bSDD Revit plug-in "Capture"



OpenAEC for bSDD

Organization: DB Netz AG
Dictionary: SOM-Mannheim
Version: 1.2.7

Create a New Shared Parameter File Browse for Shared Parameter File

Shared Parameter File: 9

Shared Parameter File Directory

Attribute	
Revit Parameter	Attribute Value
lfcObjectType	SOM-Mannheim
lfcDescription	
lfcName	
IFC Predefined Type	
Export to IFC As	lfcBuildingElementProxy

Property

Select Property Set Name by bSDD: Allgemeine_Eigenschaften

Data Type	Shared Parameter Group	BuiltIn Parameter Group	Revit Parameter	Property Value
TEXT	Allgemeine_Eigen...	General	bauteilKlassifikation	aus.smk
TEXT	Allgemeine_Eigen...	General	identitaet	
TEXT	Allgemeine_Eigen...	General	bemerkung	
TEXT	Allgemeine_Eigen...	General	nativelD	
TEXT	Allgemeine_Eigen...	General	bauteilName	Sonstige Modellk...
TEXT	Allgemeine_Eigen...	General	eigentuermer	
TEXT	Allgemeine_Eigen...	General	name	

Check Class URI: <https://identifier.buildingsmart.org/uri/dbnetsom/SOM-MaKa/1.2.7/class/aus.smk>

Close Save Shared Parameter Add Attribute and Property

9. Obtains parameters related to IFC from instance parameters and sets properties about Attributes in the IFC Class.

Revit Parameter	Attribute Value
Export to IFC As	Related IFC entity of Class
IFC Predefined Type	Display the Predefined Type associated with the "Related IFC entity" as a choice.
lfcName	Free input
lfcObjectType	Name of Class
lfcDescription	Description of Class

⊗ Value is taken from bSDD.

bSDD Revit plug-in "Capture"



For example,

Class
Sonstige Modellkomponente German

Code: aus.smk
 Class type: Class
 URI: https://identifier.buildingsmart.org/uri/dbnetsom/SOM-MaKa/1.2.7/class/aus.smk
Dictionary: SOM-Mannheim
 Dictionary version: 1.2.7
 Dictionary release date: 2024-01-09
 Dictionary license: MIT
 Dictionary state: Active
 Dictionary quality assurance procedure: RIL
 Owner: DB Netz AG
 Parent class: Ausbau
 CountriesOfUse: DE;
 CountryOfOrigin: DE
 CreatorLanguageCode: de-DE
 Status: Active
 VersionDateUtc: 2024-01-09
Related IFC entity: Building Element Proxy

Revit Parameter	Attribute Value
lfcObjectType	SOM-Mannheim
lfcDescription	
lfcName	
IFC Predefined Type	
Export to IFC As	lfcBuildingElementProxy

Class properties

- Property set: **Allgemeine_Eigenschaften**
- bauteilKlassifikation: Klassifikation der Bauteilwerkgruppe
 - bauteilName: Name der Bauteilwerkgruppe
 - bemerkung: Bemerkungen
 - eigentuemer: Eigentuemer, Bsp.: DB Netz AG_Netz-Karlsruhe, Autobahn GmbH
 - identitaet: Identitaet nach Reiter
 - name: Bauwerkname, individuell
 - nativelD: GUID, globalld, etc. des nativen Datenformates
- Property set: **Gruppierung**
- idGruppe: indentitaet der Gruppe
- Property set: **Sonstige_Modellkomponente**
- beschreibung: Besonderheiten und Wichtiges

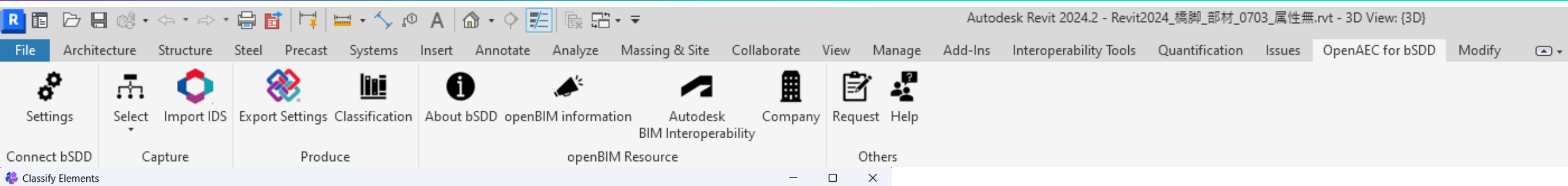
Class relations

URI	Name	Relation type
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Revit Parameter	Attribute Value
Export to IFC As	Related IFC entity of Class
IFC Predefined Type	Display the Predefined Type associated with the "Related IFC entity" as a choice.
lfcName	Free input
lfcObjectType	Dictionary of Class
lfcDescription	Description of Class

⊗Value is taken from bSDD.

bSDD Revit plug-in “Capture”



OpenAEC for bSDD

Select Class From bSDD

- Ausbau
 - Ausruestung
 - Baubehelf
 - Gruendung
 - Bahnsteige
 - Bebauung
 - Medien und Trassen
 - Trassierung
 - Sonstige Modellkomponente**
 - Sonstige Einrichtung
 - Sonstiges Bauteil
 - aus
 - aus.smk.100 (Has Part)
 - aus.smk.200 (Has Part)
 - ifcBuildingElementProxy (Has Reference)
 - aus.smk (Has Part)
 - aus.asr (Has Part)
 - aus.mut (Has Part)
 - aus.tras (Has Part)
 - aus.beb (Has Part)
 - aus.bbh (Has Part)
 - aus.bs (Has Part)
 - ifcGroup (Has Reference)
 - ifcBuildingElementProxy (Has Reference)
- Erdbau
- Oberleitungsanlage
- LST
- Oberbau
- Tunnel
- Baustelleneinrichtung
- Baugrund
- Strassenbau
- Bruecke
- Flaeche
- Hilfsgeometrie

Organization: DB Netz AG
 Dictionary: SOM-Mannheim
 Version: 1.2.7

Create a New Shared Parameter File Browse for Shared Parameter File

Shared Parameter File:
[Shared Parameter File Directory](#)

Attribute

Revit Parameter	Attribute Value
ifcObjectType	SOM-Mannheim
ifcDescription	
ifcName	
IFC Predefined Type	
Export to IFC As	ifcBuildingElementProxy

Property

Select Property Set Name by bSDD: Allgemeine_Eigenschaften 11

Data Type	Shared Parameter Group	Built-in Parameter Group	Revit Parameter	Property Value
TEXT	Allgemeine_Eigen...	General	bauteilKlassifikation	aus.smk
TEXT	Allgemeine_Eigen...	General	identitaet	
TEXT	Allgemeine_Eigen...	General	bemerkung	
TEXT	Allgemeine_Eigen...	General	nativelD	
TEXT	Allgemeine_Eigen...	General	bauteilName	Sonstige Modellk...
TEXT	Allgemeine_Eigen...	General	eigentuemmer	
TEXT	Allgemeine_Eigen...	General	name	

Check Class URI: <https://identifier.buildingsmart.org/uri/dbnetzsom/SOM-MaKa/1.2.7/class/aus.smk>

Close Save Shared Parameter Add Attribute and Property

10. Obtains a property set associated with the class selected in the tree and a list of properties associated with it.

“Property Value” is taken from Allowed Values, and the choices are displayed; free input is allowed if there are no Allowed Values.

11. Obtains a list of property sets associated with the class selected in the tree.

bSDD Revit plug-in “Capture”



For example,

Class
Sonstige Modellkomponente German

Code: aus.smk
 Class type: Class
 URI: https://identifier.buildingsmart.org/uri/dbnetsom/SOM-MaKa/1.2.7/class/aus.smk
 Dictionary: SOM-Mannheim
 Dictionary version: 1.2.7
 Dictionary release date: 2024-01-09
 Dictionary license: MIT
 Dictionary state: Active
 Dictionary quality assurance procedure: RIL
 Owner: DB Netz AG
 Parent class: Ausbau
 CountriesOfUse: DE;
 CountryOfOrigin: DE
 CreatorLanguageCode: de-DE
 Status: Active
 VersionDateUtc: 2024-01-09
 Related IFC entity: Building Element Proxy

Class properties

Property set: **Allgemeine_Eigenschaften**

bauteilKlassifikation	Klassifikation der Bauwerkteilgruppe
bauteilName	Name der Bauteilwerksgruppe
bemerkung	Bemerkungen
eigentuemer	Eigentümer, Bsp.: DB Netz AG, Netz-Karlsruhe, Autobahn GmbH
identitaet	Identitaet nach Reiter
name	Bauwerkname, individuell
nativelD	GUID, globalId, etc. des nativen Datenformates

Property set: **Gruppierung**

idGruppe	identitaet der Gruppe
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Property set: **Sonstige_Modellkomponente**

beschreibung	Besonderheiten und Wichtiges
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Class relations

URI	Name	Relation type
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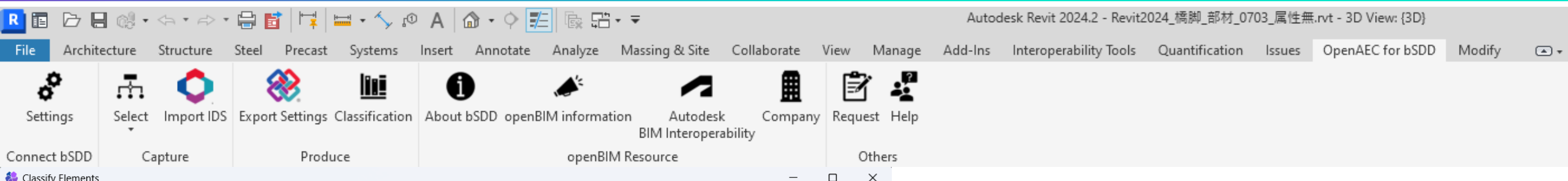
Property
 Select Property Set Name by bSDD: **Allgemeine_Eigenschaften**

Data Type	Shared Parameter Group	BuiltIn Parameter Group	Revit Parameter	Property Value
TEXT	Allgemeine_Eigen...	General	bauteilKlassifikation	aus.smk
TEXT	Allgemeine_Eigen...	General	identitaet	
TEXT	Allgemeine_Eigen...	General	bemerkung	
TEXT	Allgemeine_Eigen...	General	nativelD	
TEXT	Allgemeine_Eigen...	General	bauteilName	Sonstige Modellk...
TEXT	Allgemeine_Eigen...	General	eigentuemer	
TEXT	Allgemeine_Eigen...	General	name	

Parameter	Value
Property Set Name	propertySet Name of Class properties
Revit Parameter	Name of Class properties
Property Value	Allowed Values of Class properties
Classification Code	“Class Code” : “Class Name”

✘List of Parameters and Values is taken from bSDD.

bSDD Revit plug-in “Capture”



OpenAEC for bSDD

Select Class From bSDD

- Ausbau
 - Ausruestung
 - Baubehelf
 - Gruendung
 - Bahnsteige
 - Bebauung
 - Medien und Trassen
 - Trassierung
 - Sonstige Modellkomponente
 - Sonstige Einrichtung
 - Sonstiges Bauteil
 - aus
 - aus.smk.100 (Has Part)
 - aus.smk.200 (Has Part)
 - lfcBuildingElementProxy (Has Reference)
 - aus.smk (Has Part)
 - aus.asr (Has Part)
 - aus.mut (Has Part)
 - aus.tras (Has Part)
 - aus.beb (Has Part)
 - aus.bbh (Has Part)
 - aus.bs (Has Part)
 - lfcGroup (Has Reference)
 - lfcBuildingElementProxy (Has Reference)
- Erdbau
 - Oberleitungsanlage
 - LST
 - Oberbau
 - Tunnel
 - Baustelleneinrichtung
 - Baugrund
 - Strassenbau
 - Bruecke
 - Flaeche
 - Hilfsgeometrie

Organization: DB Netz AG
 Dictionary: SOM-Mannheim
 Version: 1.2.7

Shared Parameter File:
[Shared Parameter File Directory](#)

Attribute

Revit Parameter	Attribute Value
lfcObjectType	SOM-Mannheim
lfcDescription	
lfcName	
IFC Predefined Type	
Export to IFC As	lfcBuildingElementProxy

Property

Select Property Set Name by bSDD: Allgemeine_Eigenschaften

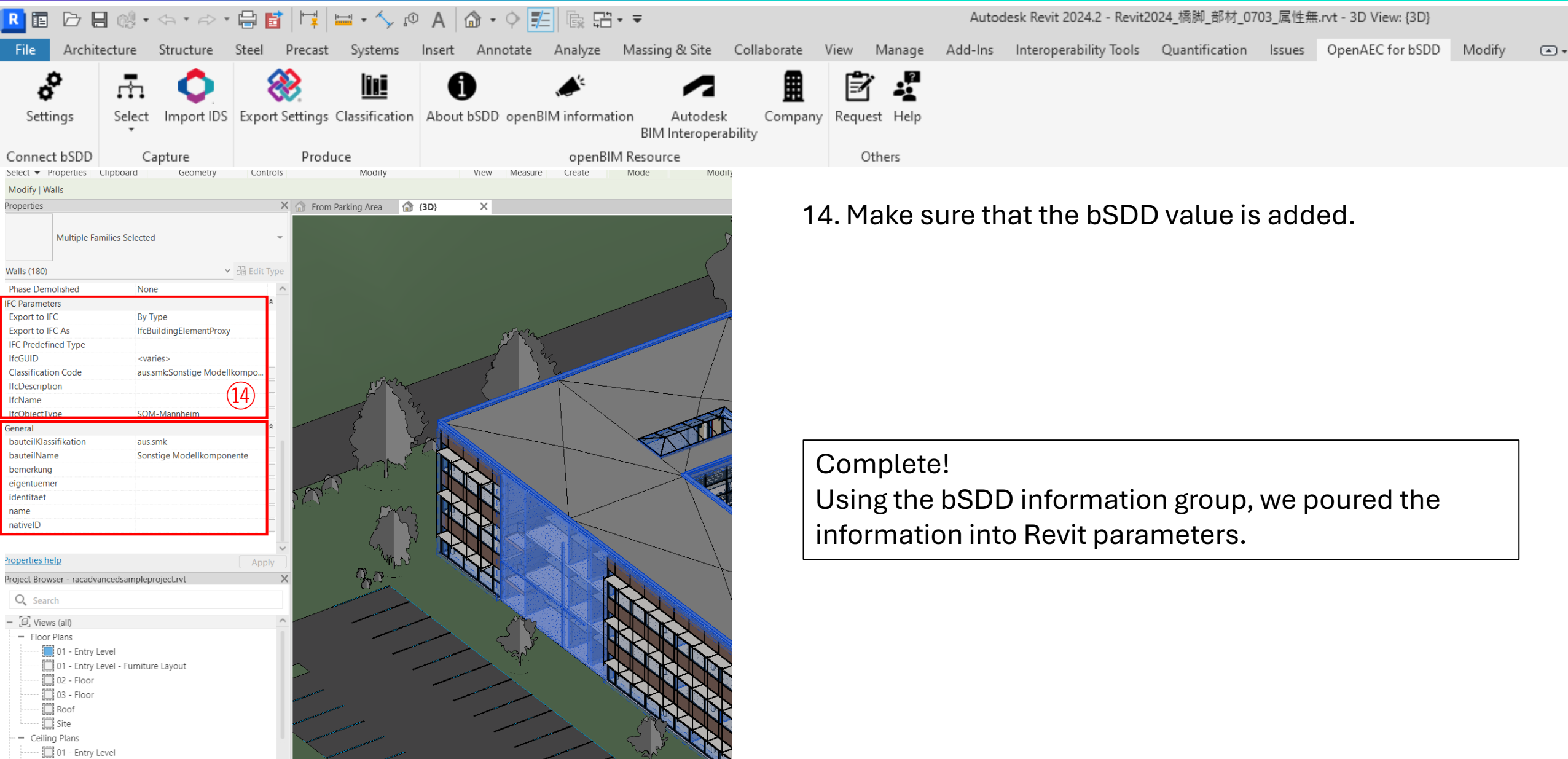
Data Type	Shared Parameter Group	BuiltIn Parameter Group	Revit Parameter	Property Value
TEXT	Allgemeine_Eigen...	General	bauteilKlassifikation	aus.smk
TEXT	Allgemeine_Eigen...	General	identitaet	
TEXT	Allgemeine_Eigen...	General	bemerkung	
TEXT	Allgemeine_Eigen...	General	nativelD	
TEXT	Allgemeine_Eigen...	General	bauteilName	Sonstige Modellk...
TEXT	Allgemeine_Eigen...	General	eigentuemmer	
TEXT	Allgemeine_Eigen...	General	name	

Check Class URI: <https://identifier.buildingsmart.org/uri/dbnetzsom/SOM-MaKa/1.2.7/class/aus.smk>

12. To write values to Revit properties, add the properties imported from bSDD to the shared parameter file.

13. By pressing this button, you can write values imported from bSDD to Revit properties. Automatically maps from shared to project parameters by referencing the BuiltIn Parameter Group.

bSDD Revit plug-in “Capture”

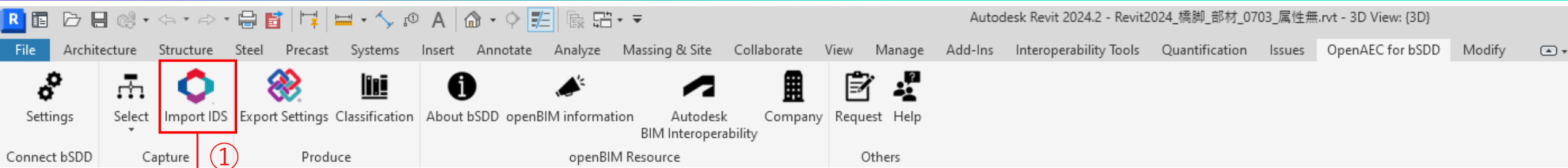


14. Make sure that the bSDD value is added.

Complete!

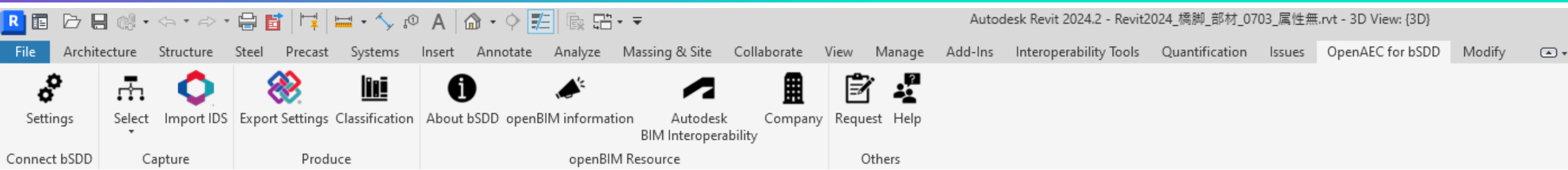
Using the bSDD information group, we poured the information into Revit parameters.

bSDD Revit plug-in “Import IDS”



1. Push “Import IDS”
2. Browse for IDS file

bSDD Revit plug-in “Import IDS”



FormIds

OpenAEC for bSDD

Organization: buildingSMART Japan
Dictionary: 工事工程体系_道路新設・改築
Version: 5.1

Browse for IDS file (XML IDS) Create a New Shared Parameter File Browse for Shared Parameter File

IDS File:
C:\Users\YoshiyukiMiyachi\Desktop\国交省デモ\dev_sample2.ids

Shared Parameter File:
Shared Parameter File Directory

③

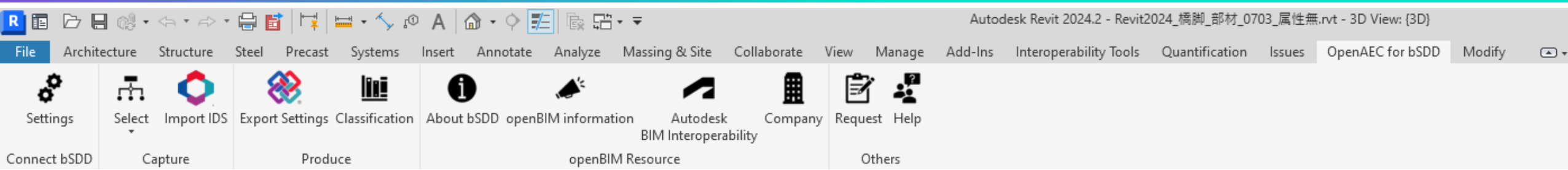
Title	Specification	Data Type	Category	Revit Family Name	Shared Parameter Group	Builtin Parameter Group	Revit Parameter	Property Value	Ifc Name	Ifc Description	Export to IFC As	Ifc Predefined Type	Cardinali
IDS Import to Revit	取込み情報1	TEXT	Mass	型枠1	数量情報_規格_型枠	GENERAL	化粧型枠材料費	計上しない	型枠	型枠に関する情報	IfcBuildingElementProxy		<input checked="" type="checkbox"/>
ONESTRUCTION Inc.	取込み情報1	TEXT	Mass	型枠1	数量情報_規格_型枠	GENERAL	型枠の種類	一般型枠	型枠	型枠に関する情報	IfcBuildingElementProxy		<input checked="" type="checkbox"/>
IDS Import to Revit TRIAL	取込み情報1	TEXT	Mass	型枠1	数量情報_規格_型枠	GENERAL	型枠費	計上しない	型枠	型枠に関する情報	IfcBuildingElementProxy		<input checked="" type="checkbox"/>
2024-07-04	取込み情報2	TEXT	Generic Models	均しコンクリート	数量情報_規格_コンクリート	GENERAL	コンクリート規格	21-8-25(20)(普通)	均しコンクリート	コンクリートに関する情報	IfcBeam	USERDEFINED	<input checked="" type="checkbox"/>
Design	取込み情報2	TEXT	Generic Models	均しコンクリート	数量情報_規格_コンクリート	GENERAL	コンクリート費	計上しない	均しコンクリート	コンクリートに関する情報	IfcBeam	USERDEFINED	<input checked="" type="checkbox"/>
1.0	取込み情報2	TEXT	Generic Models	均しコンクリート	数量情報_規格_コンクリート	GENERAL	コンクリート夜間割増の有無	コンクリート夜間割増無	均しコンクリート	コンクリートに関する情報	IfcBeam	USERDEFINED	<input checked="" type="checkbox"/>
y.miyachi@onestruction.com													
IDS Import to Revit TRIAL													

Check Mapping Dictionary URL:
<https://identifier.buildingsmart.org/uri/bsi/cwts/5/5.1>

Close Save Shared Parameter Add Attribute and Property

3. When IDS is imported, the contents of the IDS are displayed. In this case, Revit categories are identified and displayed based on the Revit mapping dictionary in bSDD according to IFC entities.

bSDD Revit plug-in “Import IDS”



FormIds

Organization: buildingSMART Japan
Dictionary: 工事工程体系_道路新設・改築
Version: 5.1

4 Create a New Shared Parameter File

IDS File:
C:\Users\YoshiyukiMiyachi\Desktop\国交省デモ\dev_sample2.ids

Shared Parameter File:
Shared Parameter File Directory

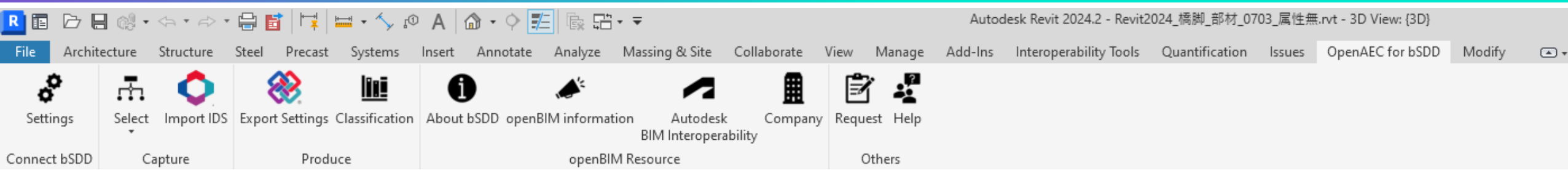
Specification	Data Type	Category	Revit Family Name	Shared Parameter Group	Builtin Parameter Group	Revit Parameter	Property Value	Ifc Name	Ifc Description	Export to IFC As	Ifc Predefined Type	Cardinali
取込み情報1	TEXT	Mass	型枠1	数量情報_規格_型枠	GENERAL	化粧型枠材料費	計上しない	型枠	型枠に関する情報	IfcBuildingElementProxy		☑
取込み情報1	TEXT	Mass	型枠1	数量情報_規格_型枠	GENERAL	型枠の種類	一般型枠	型枠	型枠に関する情報	IfcBuildingElementProxy		☑
取込み情報1	TEXT	Mass	型枠1	数量情報_規格_型枠	GENERAL	型枠費	計上しない	型枠	型枠に関する情報	IfcBuildingElementProxy		☑
取込み情報2	TEXT	Generic Models	均しコンクリート	数量情報_規格_コンクリート	GENERAL	コンクリート規格	21-8-25(20)(普通)	均しコンクリート	コンクリートに関する情報	IfcBeam	USERDEFINED	☑
取込み情報2	TEXT	Generic Models	均しコンクリート	数量情報_規格_コンクリート	GENERAL	コンクリート費	計上しない	均しコンクリート	コンクリートに関する情報	IfcBeam	USERDEFINED	☑
取込み情報2	TEXT	Generic Models	均しコンクリート	数量情報_規格_コンクリート	GENERAL	コンクリート夜間割増の有無	コンクリート夜間割増無	均しコンクリート	コンクリートに関する情報	IfcBeam	USERDEFINED	☑

Check Mapping Dictionary URL:
<https://identifier.buildingsmart.org/uri/bsi/cwts/5/5.1>

Close Save Shared Parameter Add Attribute and Property

4. You can create a new shared parameter file to populate the properties with IDS information.

bSDD Revit plug-in “Import IDS”



FormIds

OpenAEC for bSDD

Organization: buildingSMART Japan
Dictionary: 工事工程体系_道路新設・改築
Version: 5.1

Browse for IDS file (XML IDS) Create a New Shared Parameter File Browse for Shared Parameter File

IDS File:
C:\Users\YoshiyukiMiyachi\Desktop\国交省デモ\dev_sample2.ids

Shared Parameter File:
Shared Parameter File Directory

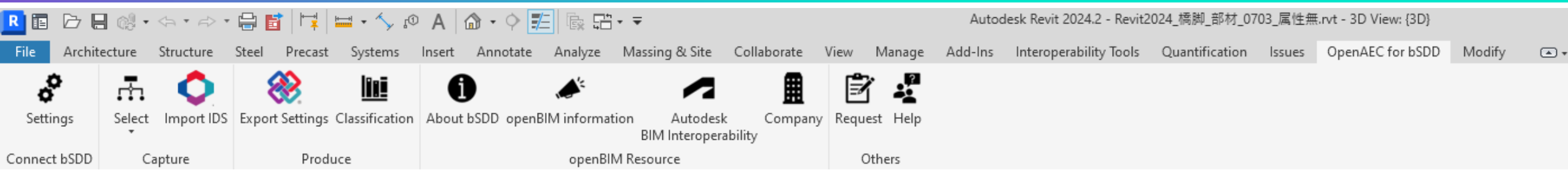
	Specification	Data Type	Category	Revit Family Name	Shared Parameter Group	Builtin Parameter Group	Revit Parameter	Property Value	Ifc Name	Ifc Description	Export to IFC As	Ifc Predefined Type	Cardinali
▶	取込み情報1	TEXT	Mass	型枠1	数量情報_規格_型枠	GENERAL	化粧型枠材料費	計上しない	型枠	型枠に関する情報	IfcBuildingElementProxy		☑
	取込み情報1	TEXT	Mass	型枠1	数量情報_規格_型枠	GENERAL	型枠の種類	一般型枠	型枠	型枠に関する情報	IfcBuildingElementProxy		☑
	取込み情報1	TEXT	Mass	型枠1	数量情報_規格_型枠	GENERAL	型枠費	計上しない	型枠	型枠に関する情報	IfcBuildingElementProxy		☑
	取込み情報2	TEXT	Generic Models	均しコンクリート	数量情報_規格_コンクリート	GENERAL	コンクリート規格	21-8-25(20)(普通)	均しコンクリート	コンクリートに関する情報	IfcBeam	USERDEFINED	☑
	取込み情報2	TEXT	Generic Models	均しコンクリート	数量情報_規格_コンクリート	GENERAL	コンクリート費	計上しない	均しコンクリート	コンクリートに関する情報	IfcBeam	USERDEFINED	☑
	取込み情報2	TEXT	Generic Models	均しコンクリート	数量情報_規格_コンクリート	GENERAL	コンクリート夜間割増の有無	コンクリート夜間割増無	均しコンクリート	コンクリートに関する情報	IfcBeam	USERDEFINED	☑

Check Mapping Dictionary URL:
<https://identifier.buildingsmart.org/uri/bsi/cwts/5/5.1>

Close **Save Shared Parameter** Add Attribute and Property

5. To write values to Revit properties, add the properties imported from IDS to the shared parameter file.

bSDD Revit plug-in “Import IDS”



FormIds

OpenAEC for bSDD

Organization: buildingSMART Japan
Dictionary: 工事工程体系_道路新設・改築
Version: 5.1

Browse for IDS file (XML IDS) Create a New Shared Parameter File Browse for Shared Parameter File

IDS File:
C:\Users\YoshiyukiMiyachi\Desktop\国交省デモ\dev_sample2.ids

Shared Parameter File:
Shared Parameter File Directory

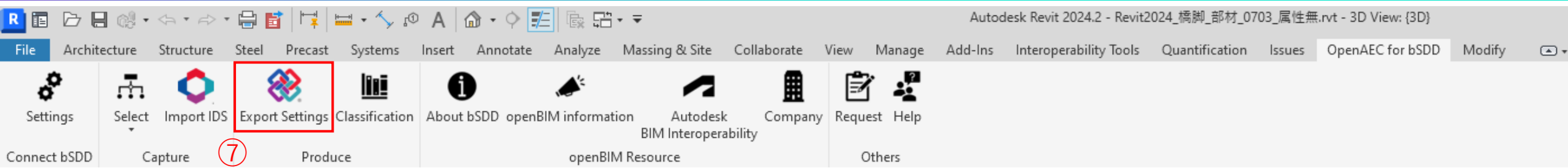
Specification	Data Type	Category	Revit Family Name	Shared Parameter Group	BuiltIn Parameter Group	Revit Parameter	Property Value	Ifc Name	Ifc Description	Export to IFC As	Ifc Predefined Type	Cardinali
▶ 取込み情報1	TEXT	Mass	型枠1	数量情報_規格_型枠	GENERAL	化粧型枠材料費	計上しない	型枠	型枠に関する情報	IfcBuildingElementProxy		☑
取込み情報1	TEXT	Mass	型枠1	数量情報_規格_型枠	GENERAL	型枠の種類	一般型枠	型枠	型枠に関する情報	IfcBuildingElementProxy		☑
取込み情報1	TEXT	Mass	型枠1	数量情報_規格_型枠	GENERAL	型枠費	計上しない	型枠	型枠に関する情報	IfcBuildingElementProxy		☑
取込み情報2	TEXT	Generic Models	均しコンクリート	数量情報_規格_コンクリート	GENERAL	コンクリート規格	21-8-25(20)(普通)	均しコンクリート	コンクリートに関する情報	IfcBeam	USERDEFINED	☑
取込み情報2	TEXT	Generic Models	均しコンクリート	数量情報_規格_コンクリート	GENERAL	コンクリート費	計上しない	均しコンクリート	コンクリートに関する情報	IfcBeam	USERDEFINED	☑
取込み情報2	TEXT	Generic Models	均しコンクリート	数量情報_規格_コンクリート	GENERAL	コンクリート夜間割増の有無	コンクリート夜間割増無	均しコンクリート	コンクリートに関する情報	IfcBeam	USERDEFINED	☑

Check Mapping Dictionary URL:
<https://identifier.buildingsmart.org/uri/bsi/cwts/5/5.1>

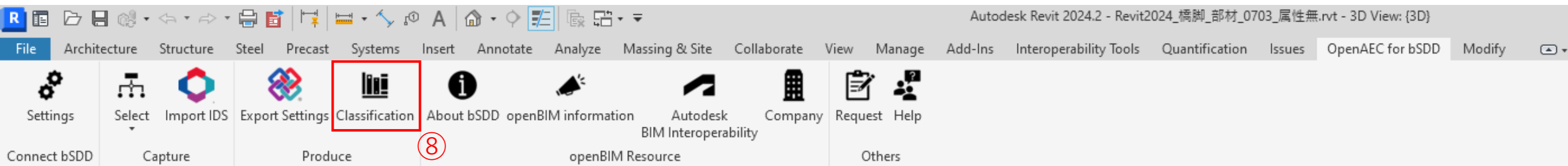
Close Save Shared Parameter **Add Attribute and Property**

6. By pressing this button, you can write values imported from IDS to Revit properties. Automatically maps from shared to project parameters by referencing the BuiltIn Parameter Group. ⑥

bSDD Revit plug-in “Export Settings & Classification”

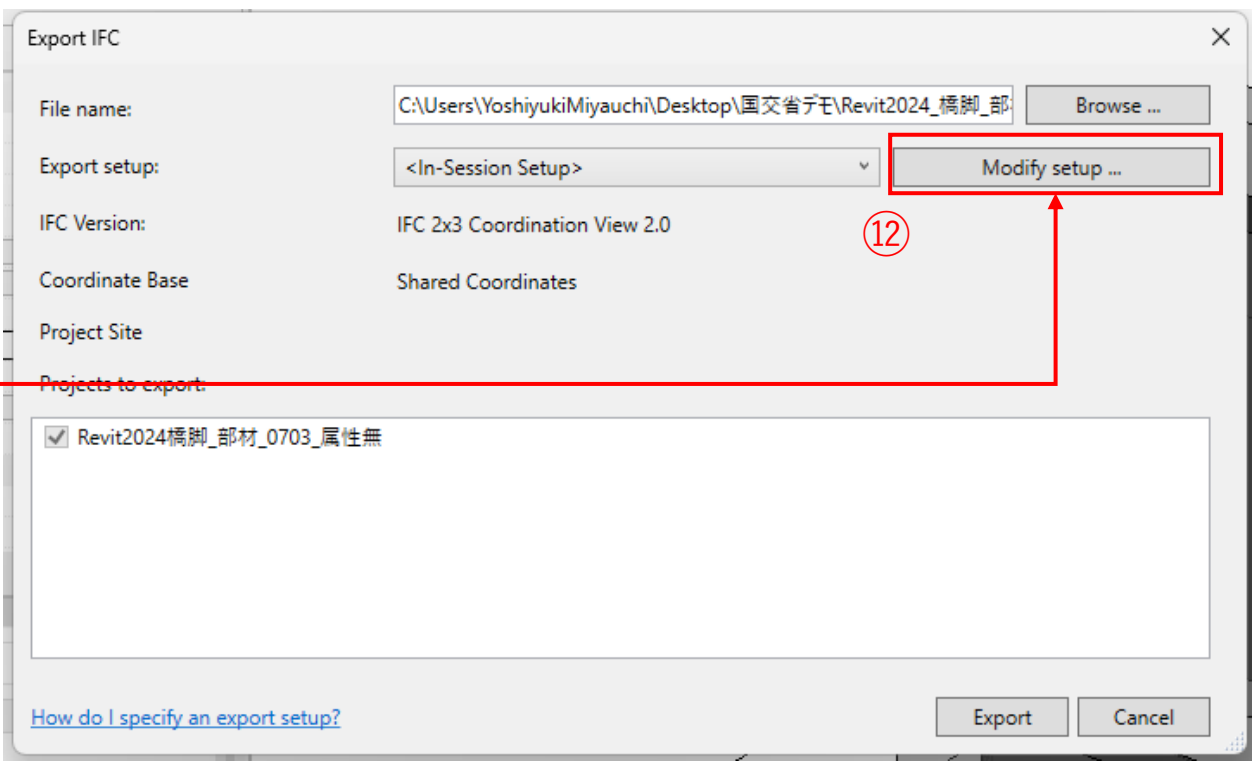
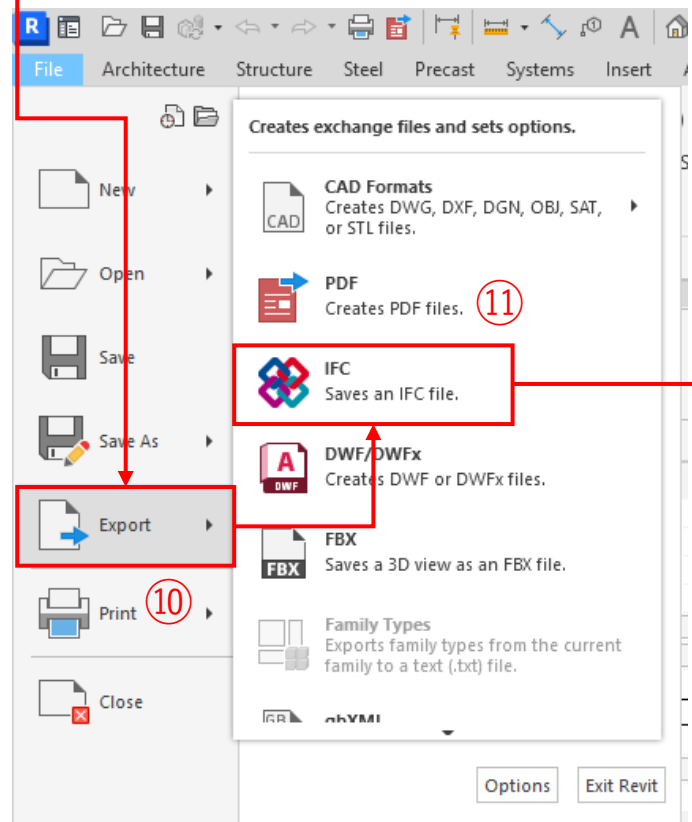
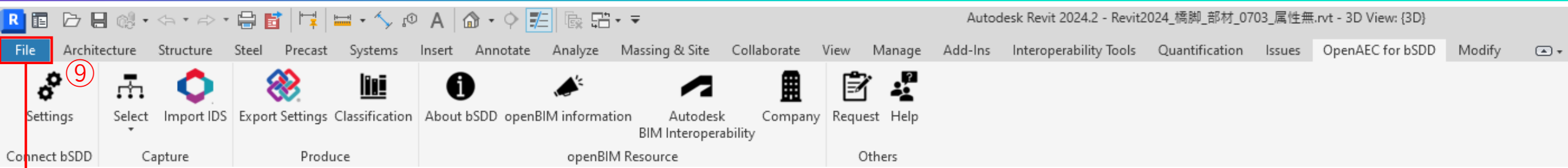


7. When Produce IFC, many troublesome settings are required. This plug-in can be used to automatically create configuration files.

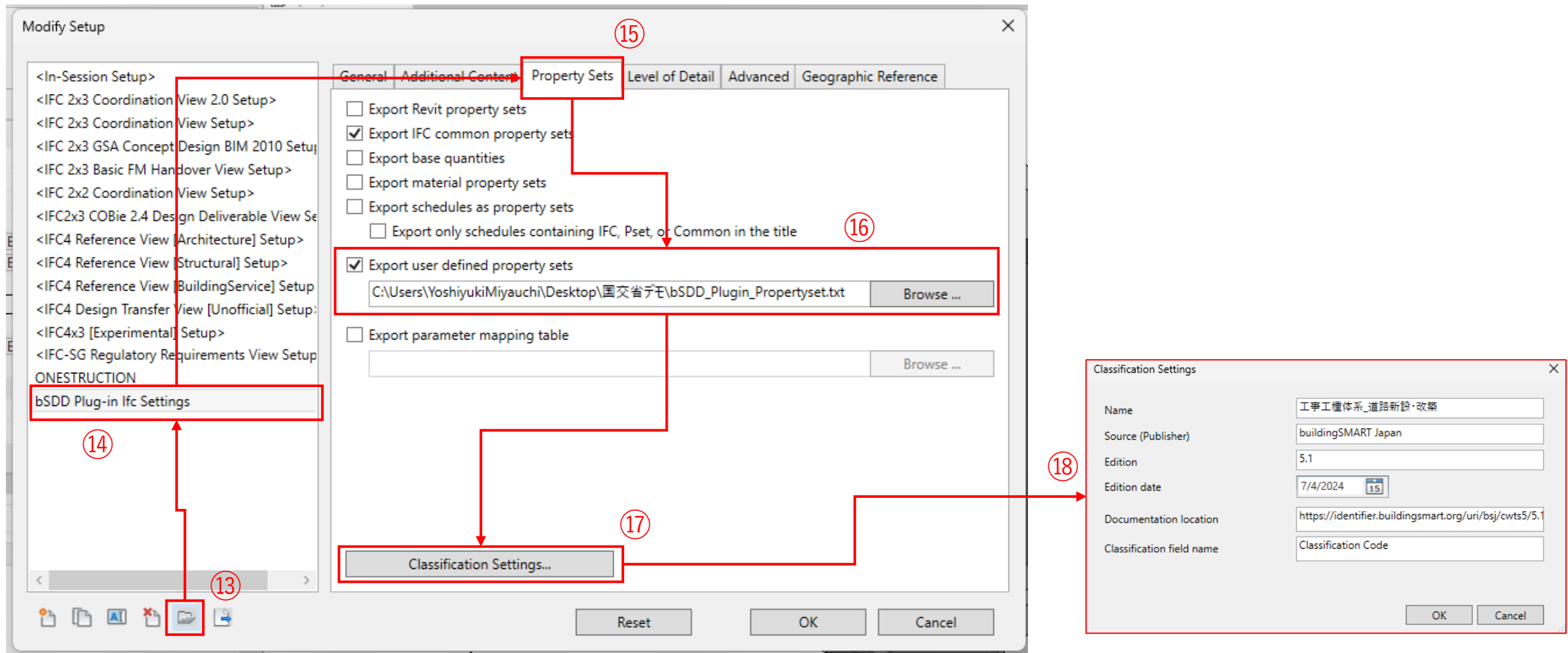


8. In Revit's IFC output settings, the IfcClassificationReference is incorrect. Therefore, by using this function, the information in IfcClassificationReference can be corrected correctly.

bSDD Revit plug-in “How to export IFC”



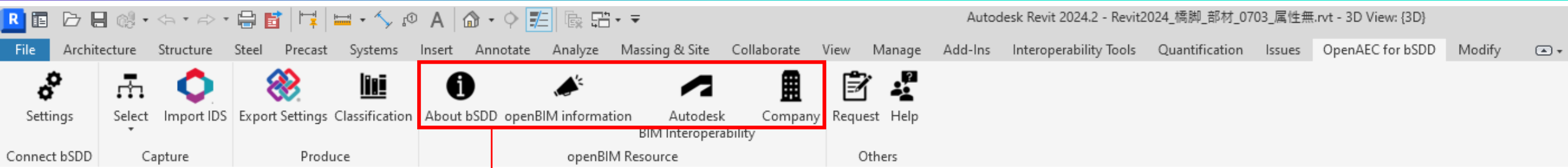
bSDD Revit plug-in “How to export IFC”



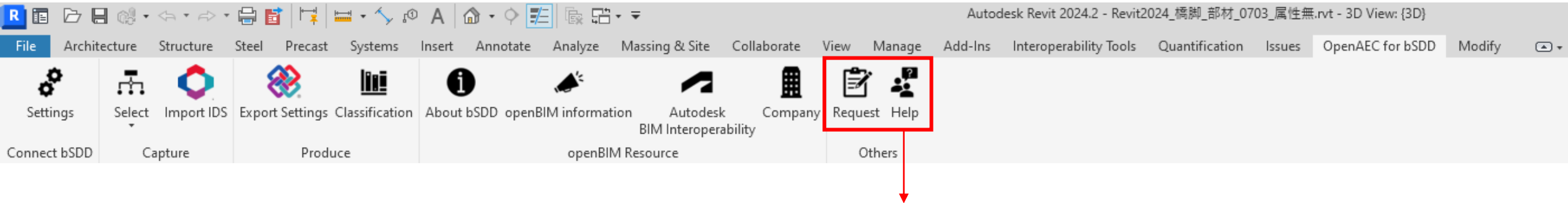
13. “bSDD Plug-in IFC Settings.json” These configuration files are required for IFC output and are automatically generated by the plug-in.

16. “bSDD_Plugin_Propertyset.txt” These configuration files are required for IFC output and are automatically generated by the plug-in.

bSDD Revit plug-in “Others”



It is a ribbon that can display the bSDD's website, information about openBIM, and the website of the development company.



We are committed to understanding user feedback, requests, and error conditions. Here, we collect various error details and requests through Microsoft Forms.